



TURKMENPLENE TPP D30S

POLYPROPYLENE HOMOPOLYMER FOR RAFFIA

PRODUCT DESCRIPTION

TPP D30S is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by medium melt flow range, an optimal stabilization package and balanced physical and mechanical properties.

APPLICATION

TPP D30S is a general purpose grade recommended for Injection Moulding, Extrusion and Thermoforming applications.

| Properties | Typical Value | Method |
|--|-------------------------|-------------|
| Density (23°C) | 0.954 g/cm ³ | ASTM D 1505 |
| Melt Flow Index (230°C/2.16 kg) | 3.0 – 3.5 g/10 min | ASTM D 1238 |
| Melting Point | 163°C | ASTM D 2117 |
| Vicat Softening Point | 145°C | ASTM D 1525 |
| Heat Distortion Temperature @ 0.45 MPa | 110°C | ISO 75-2 |
| Tensile Stress at Yield | 30 MPa (50mm/min) | ASTM D 638 |
| Elongation at Yield | 10 % (50mm/min) | ASTM D 638 |
| Flexural Modulus 1% secant | 1300 MPa (50mm/min) | ASTM D 638 |
| Notched Izod Impact Strength at 23° C | 2 kJ/m ² | ISO 179/1eA |

STORAGE

This product should be stored in a dry area with an ambient temperature below 50°C. It should be kept away from sunlight and heat. Inappropriate storage conditions can lead to deterioration in physical properties. It is advised to process within 6 months after delivery.

PACKAGING

The product is packed in 25 kg bags with shrink wrapped pallets or 500 kg / 1000 kg big bags.

NOTES

These are typical properties only and are not to be construed as specifications.